



AFNI Bootcamp - Vanderbilt University - April 3-7, 2017



Mon

Tue

Wed

Thu

Fri

08:30-09:20
break
09:30-10:20

AFNI, FMRI & Dimon
Reynolds

Alignment and Atlases
Glen

Atlases & ROIs
Glen

Group Analysis Hands-on & PPI
Chen/Reynolds

Resting State & InstaCorr
Reynolds

break

10:30-11:20
break
11:30-12:20

AFNI Interactive & Driving AFNI
Glen

FMRI Analysis: Start-to-Middle
Reynolds

Group Analysis in FMRI
Chen

Surface Analysis: SUMA
Glen

DTI & FATCAT & more SUMA
Glen

lunch

13:30-14:20
break
14:30-15:20

Single Subject Analysis
Chen

FMRI Analysis: Middle-to-End
Reynolds

Group Analysis Hands-on
Chen

More Surface Analysis: SUMA
Reynolds

Connectivity & Visualization
Glen

break

15:30-16:20
break
16:30-17:20

Regression: Hands-On
Reynolds

Advanced Regression
Chen

Exercises and Consultations
All

Exercises and Consultations
All

[optional] Consultations
All

Bootcamp details: <https://www.afnibootcamp.com>

Computer setup: <https://afni.nimh.nih.gov/pub/dist/doc/html/doc/index.html>

Class PDFs: https://afni.nimh.nih.gov/pub/dist/edu/latest/afni_handouts

<u>Class</u>	<u>Handout(s)</u>
• AFNI, FMRI & Dimon (lecture):	afni01_intro.pdf, afni02_to3d.pdf
• AFNI Interactive & Driving AFNI (hands-on):	afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni
• Single Subject Analysis (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• Regression (hands-on):	afni05_regression.pdf
• Alignment and Atlases (lecture):	afni10_volreg_talairach.pdf, afni10_volreg_talairach_extras.pdf
• FMRI Analysis: Start-to-Middle (hands-on):	afni16_start_to_finish.pdf
• FMRI Analysis: Middle-to-End (hands-on):	afni16_start_to_finish.pdf
• Advanced Regression (lecture):	afni07_advanced.pdf
• Atlases & ROIs (lecture):	afni10_volreg_talairach.pdf, afni11_roi.pdf
• Group Analysis in FMRI (lecture):	afni24_GroupAna.pdf
• Group Analysis (hands-on):	afni25_GroupAna_HO.pdf
• Exercises and Consultations (hands-on):	afni19_jazz.pdf, afni19_jazz_hints.pdf, afni19_jazz_answers.pdf
• Group Analysis Hands-on & PPI (hands-on):	afni25_GroupAna_HO.pdf, PPI.pdf
• Surface Analysis: SUMA (hands-on):	suma.pdf
• More Surface Analysis: SUMA (hands-on):	suma.pdf
• Exercises and Consultations (hands-on):	afni19_jazz.pdf, afni19_jazz_hints.pdf, afni19_jazz_answers.pdf
• Resting State & InstaCorr (lecture/hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• DTI & FATCAT (lecture/hands-on):	FATCAT_01.pdf, FATCAT_02.pdf, FATCAT_03.pdf
• Connectivity & Visualization (hands-on):	FATCAT_HO.pdf